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Approved for use through 04/30/2003. OMB 0951-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	PSI-05
	First Inventor	John C. McCosh
	Title	DIGITAL TIME DOMAIN REFLECTOMETER SYSTEM
	Express Mail Label No.	EU 661229337 US

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	ADDRESS TO: Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria VA 22313-1450
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1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims a small entity status.
 See 37 CFR 1.27.
3. ☒ Specification [Total Pages **33**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **11**]
5. Oath or Declaration [Total Sheets **2**]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - c. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Reader Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
 37 CFR 3.73(b) Statement of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)
12. ☐ Preliminary Amendment
13. ☐ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
16. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner

Art Unit

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

OR ☒ Correspondence address below

Name	William J. Kolegraff				
Address	3119 Turnberry Way				
City	Jamul	State	CA	Zip Code	91935
Country	US	Telephone	619-401-8008	Fax	619-401-0808
Name (Print/Type)	William J. Kolegraff		Registration No. (Attorney/Agent)		
Signature	<i>[Signature]</i>		Date	Sept. 5, 2003	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is provided by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

09/08/03

17611 U.S. PTO

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PTO/5B/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 415.00)

Complete If Known

Application Number
Filing Date
First Named Inventor John C. McCosh
Examiner Name
Art Unit
Attorney Docket No. PSI-05

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

Deposit Account Number
Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee	375
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ 375.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20** =	X	
Claims	-3** =	X	
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity - Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1812 2,520	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unvolvable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(a)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (limits number of properties)	40.00
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(e))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY

Name (Print/Type) William J. Kolesoff

Registration No. 41,125

Telephone 619-401-8008

Signature

Date Sept. 5, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. For more credit card information and authorization on PTO-2038.

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If you need assistance in completing the form, call 1-800-PTO-5199 (1-800-756-6199) and select option 2.

Copied from 10656876 on 09/22/2004

Bill Kolegraff
THE LAW OFFICE OF BILL KOLEGRAFF
3119 Turnberry Way
Jamul, CA 91935
619/ 401-8008 (office)
619/ 401-0808 (fax)
kolegraff@cox.net (email)

September 5, 2003

Mr. Darrell Johnson
PSIBER DATA SYSTEMS INC.
7075-K Mission gorge Road
San Diego, CA 92120

RE: **DIGITAL TIME DOMAIN REFLECTOMETER SYSTEM**

My reference number: PSI-05

Dear Darrell,

Attached is a copy of an application and formal documents I filed today with the US Patent and Trademark Office. The documents included the assignment from the inventors to Psiber Data Systems. The filing package included the following:

- 44 pages of Application, including
 - 26 pgs. of Specification
 - 1 pg. of Abstract
 - 6 pgs. of Claims (Claims 1-19)
 - 11 pgs. of Drawings
- Utility Patent Transmittal (1 pg.)
- Signed Declaration (2 pgs.)
- Fee Transmittal and Duplicate (2 pgs.)
- Credit Card Payment Form (1 pg.)
- Assignment and cover sheet (2 pgs.)
- Certificate of Express Mailing (1 pg.)

Please let me know if I can be of further service. Thank you.

Sincerely,



Bill Kolegraff

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

For a patent application entitled

DIGITAL TIME DOMAIN REFLECTOMETER SYSTEM

EU 661229337 US

"Express Mail" Label number

Sept. 5, 2003

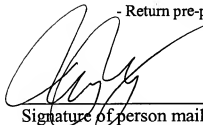
Date of Deposit

I hereby certify that the below listed correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee service on the date indicated above and is address to:

Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Correspondence in deposit:

- 44 pages of Application, including
 - 26 pgs. of Specification
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- Credit Card Payment Form (1 pg.)
- Assignment and cover sheet (2 pgs.)
- Certificate of Express Mailing (1 pg.)
- Return pre-paid postcard



Signature of person mailing correspondence

William J. Kolegraff

Typed or printed name of person mailing correspondence

Patent Application Received in the
U.S. PATENT & TRADEMARK OFFICE

**DIGITAL TIME DOMAIN
REFLECTOMETER SYSTEM**

- 44 pages of Application, including
 - 26 pgs. of Specification
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 - Certificate of Express Mailing (1 pg.)
-

Applicant: McCosh, John
Assignee: Psiber Data Systems
Docket No.: PSI-05
Date Mailed: September 5, 2003
Express Mail Label Affixed Below:

EU 661229337 US